

What is Claimed is:

1. An inside frame of a compressor comprising:
a frame body having a pass through hole for a crankshaft;
legs formed by bending, and extending from, opposite ends of the frame body, respectively; and
component fastening parts formed by extending from the legs in parallel to the frame body, respectively,
wherein the component fastening parts have opposite inward extensions, and the frame body is formed such that component fastening to the component fastening parts is possible without interference with the frame body.
2. The inside frame as claimed in claim 1, wherein the legs are bent in a predetermined widths at middle parts of the opposite ends of the frame body respectively, and the component fastening parts are provided at width direction opposite sides of each of the legs.
3. The inside frame as claimed in claim 2, wherein the component fastening part has fastening holes for fastening a component.
4. The inside frame as claimed in claim 3, wherein the frame body has parts over the fastening holes cut away for making the fastening holes visible from above.
5. The inside frame as claimed in claim 1, further comprising a seating part bent outward from each of the legs for seating the component fastened to the component fastening

parts thereon.

6. The inside frame as claimed in claim 5, wherein the seating part includes stoppers at outer edges thereof for preventing movement of the frame body, for preventing the component mounted on the inside frame from hitting an inside wall of the shell during operation of the compressor.

7. The inside frame as claimed in claim 5, wherein the seating part is formed not longer than a side of the frame body at which the leg is formed.

8. The inside frame as claimed in claim 1, wherein the frame body includes a boss inserted in, and held at, the pass through hole, for rotatably supporting the crankshaft.

9. The inside frame as claimed in claim 8, wherein the boss includes a flange perpendicular to an axis direction of the crankshaft.

10. The inside frame as claimed in claim 9, wherein the frame body further includes an annular recess in a part the flange of the boss is seated thereon.

11. The inside frame as claimed in claim 10, wherein the boss is fixed with fixing holes formed in one the flange of the boss, and the annular recess, and projections formed in the other one of the flange and the annular boss.

12. The inside frame as claimed in claim 11, wherein the projection includes a round

part to have a curvature at a lower part thereof for preventing breakage or deformation of the projection.

13. The inside frame as claimed in claim 12, wherein the projection is cylindrical, and the round part has a radius of curvature greater than a 0.05 time of a diameter of the projection.

14. The inside frame as claimed in claim 10, wherein the flange of the boss or the annular recess includes a flange supporting part having predetermined width and height to form a step.

15. The inside frame as claimed in claim 11, wherein the projection includes a flange supporting part having predetermined width and height around a lower part thereof.

16. The inside frame as claimed in claim 11, wherein, in formation of the projection, a predetermined pressure is applied to an opposite surface to a surface the projection is to be projected therefrom to sink the opposite surface to a predetermined depth.

17. The inside frame as claimed in claim 1, further comprising at least one reinforcing rib at each bent part of the legs or the component fastening part.

18. The inside frame as claimed in claim 17, wherein the reinforcing rib is formed such that, by applying a predetermined pressure to one side of the bent part, one side having the pressure applied thereto is collapsed, and an opposite side is projected.

19. The inside frame as claimed in claim 18, wherein the reinforcing rib is formed by applying the predetermined pressure to an outward curved part of the bent part, to project the opposite side.